INDEX TO THE
BULLETIN OF THE PAN AMERICAN UNION

Vol. LV July to December, 1922 Nos. 1-6

[The Index to illustrations will be found on p. XIX.]

Page.

Aerial flight, Lisbon to Rio, first 381
Agricultural notes 71, 173, 285, 388, 496, 601
Aldunate Solar, Carlos, address, Chilean-Peruvian Conference, inaugural session. 223
ARGENTINA:
- Aborigines' Congress 308
- Academy of Medicine, centenary of 194
- Alvear, Dr. Marcelo T., inauguration 638
- American History Congress in Brazil 638
- Arbor Day 625
- Artists 203
- Bahía Blanca channel 389
- Banco de la Nación 615
- Bolín, Guillermo, artist 97
- Brazilian Centenary Exposition, Argentine Building 173
- Dispensary, antituberculosis 91
- Education—
  - Applied art, school of, Cordoba 405
  - Continuation schools 517
  - Indigene schools 517
  - La Plata, University of 86
  - National University of the Littoral, opening 191
  - Schools, new 191
  - Trade school, Las Conchas 405
  - Vocational school for women 516
  - Weaving school, municipal 192
- Embassies, new 619
- Finances—
  - City and national 398
  - Customs receipts, 1922 509
- Foreign trade—
  - Exports and imports, 1920, 1921 ..... 71, 389
  - Fruit to England 173
  - Meat to Germany 285
  - Pork, market for 173
- German-Argentine relations 638
- Highways—
  - Construction 601
  - Good Roads Congress, first 285

64623

ARGENTINA—Continued. Page.
Hospital Español ... 195
Houses, inexpensive ... 521
Hydroplanes on the Bermejo ... 496
International Law Association ... 97, 638
Latin American League for Women's Defense ... 91
Legislation—
Penal Code, new ... 83
Petroleum regulations ... 296
Rentals regulation ... 186
Libraries—
At Brazilian Exposition ... 417
In parks and streets ... 195
Mar del Plata, port of ... 71
Market for Argentine meat ... 388
Maternity Hospital, Salvation Army ... 91
Meat trade in 1921 ... 388
Medicines for the poor ... 410
National History Congress, first ... 527
Opiates, sale of ... 629
Pan American Child Welfare Congress, third ... 630
Patagonia, national park in ... 203
Petroleum—
As railway fuel ... 601
Regulations ... 296
Pork Raisers' Society ... 285
President-elect Alvear, visits Europe ... 416
Railroads—
Embarcación-Yacuiba ... 285
Locomotive, purchase of ... 173
Meridiano-Quinto ... 496
Rates, increase ... 496
Southern, Stroeder-Patagones branch ... 173
Rural Society Exposition ... 601
San Martin, monument in Washington ... 203
Sculpture, contemporary ... 269
Stock show ... 496
Teachers' Day ... 625
Teachers' vacation house ... 520
Treaties—
Chile—Transandine Railroads ... 189
Colombia—Extradition treaty ... 622
Italy—Labor indemnities ... 622
Pan American postal convention ... 622
Uruguay—Convention regarding aerial navigation ... 404
Tuberculosis treatment funds ... 520
Vacation farms ... 410
Aviation, commercial, in Latin America ... 241
Bieser, Wendell Phillips, Commercial aviation in Latin America ... 241
BOLIVIA:
Agricultural products of Santa Cruz Department ... 389
American business, opportunities in ... 161
Finances, loan of $24,000,000 ... 399
Gutierréz, Darío, death ... 97
Import statistics, 1921 ... 603

BOLIVIA—Continued.
Legislation—
Page.
Export tax, wool and hide 186
Foreign Relations Advisory Committee 187
Parcel post 83
Sanitary plumbing 186
Petroleum—
Oil concessions 602
Oil prospects 174
Radio stations, new 389
Railroads—
Cochabamba-Santa Cruz 602
Yungas-Pará-Beni 602
Tiahuanacu Palace, purchase of 312
Workmen's savings 521
Book notes 106, 212, 319, 424, 533, 646
Bowyer, Helen, Child welfare in Mexico 563
Branner, Dr. John Casper 64
BRAZIL:
Argentine-Brazilian trade 497
Arms convention, trade in 190
Aviation, Lisbon to Rio de Janeiro 205
Bank agencies 399
Bernardes, Dr. Arthur da Silva, President-elect of Brazil 325
Brazilian Film Co 286
Brazilian Hydro Electric Co 297
Brazilian legation 312
Cable developments 603
Centennial Exposition—
Independence, celebration 639
Industrial exhibition building 175
Inventions, provisional guarantee 401
Coffee, valorization of 286
Conferences—
American Congress of Economic Expansion and Commercial Education, delegates 261
International Congress of Americanists, delegates 260
International Cotton Congress, delegates 261
International Engineering Congress, delegates 261
International Historical and Geographical Congress, delegates 260
International Law, Conference on, delegates 261
Pan American, Child Welfare, Congress of third, delegates 260
Cotton experiment stations 174
Cuyabá River, navigability of 604
Education—
Foreign diplomas, validation of 517
Military schools 86
Public Health Nursing School 92
Report of Director of Instruction, Federal District 405
Election of Vice President 417
Finances—
Bahia loan 615
Budget, 1922 509
Highway bonds 81
Santa Catherina bonds 183

BRAZIL—Continued. Page.
Foreign trade, fruit exportation from Santos 497
Free markets, Rio de Janeiro 174
Geography 97
Good roads movement shows results 498
Hydroelectric plant, State of Rio 389
Hydroplane "Porto Alegre" 604
International Congress 521
International Congress of Americanists, twentieth 639
Legislation—
Corporation tax exemption 619
Housing 619
Inventions at exposition, provisional guarantee 401
Loss of merchandise, responsibility 296
Preventive measures against epidemics 187
Light and power 72
Lloyd Brasileiro Line, reduced rates 175
Minas Geraes, production in 286
Mission to Brazil, addresses by Secretary Hughes 433
National Museum of History 527
Packet privileges 286
Pan American Child Welfare Congress, third 630
Paraná, primary instruction 625
Parliamentary documents 619
Population, 1920 204
Ports, rivers, and canals 83
Railroads—
Bragança line, purchase of, by Government 389
Railway and port properties 497
São Paulo—
Immigration to 98
Navigation of coast 605
Treaties—
Great Britain—Treaty of dual nationality 515
International copyright convention 404
International sanitary convention 190
Peru—Extradition treaty 301
Portugal—Treaty of commerce 622
Trees of Brazil, economic and industrial uses 486
Upton, Frederick Archer, death 312
Woods 72
Zenteno Barros, Julio, death 640
Brown, Miss Elsie, Highways ancient and modern in the New World 247
Bunge, Dr. Alejandro E., lecturer 572
Burnham, G. H., Railway transportation in South America 544
Burslem, Alexander Young, Development of the United States pottery industry. 139
Cabral, Scadura, aviator 205
Cameron, C. R., Certain trees of Brazil and their industrial uses 486
Carr, Wilbur J., The duties of consuls 366
Carstens, Dr. C. C., delegate Pan American Child Welfare Congress, third 631
Centennial, Brazil. *See* Brazil.
CHILE:
Animal hospital 92
Animals, society for protection 196

CHILE—Continued. Page.
Art exhibitions 417, 527
Bank branches 399
Bolívar, Simon, statue 640
Boy scouts and birds 632
Bridge, Maipo River 605
Cable, Santiago to United States 605
Catholic Convention, social welfare 196
Census, 1920 417
Child Welfare Society 92, 522
Chilean Electric Co 574
Chilean Switzerland, a trip to 36
Chilean-Peruvian Conference—
Addresses—
Aldunate Solar, Carlos 223
Hughes, Charles Evans 2, 6, 221
Izquierdo, Luis 5
Mathieu, Beltrán 225
Pezet, Federico Alfonso 225
Porras, Melitón F 5, 222
Biographical notes 9
Inaugural and closing exercises 1, 217
Continental Municipal Congress 92
Cost of living 605
Dental service 195
Education—
Evening schools 406
Salaries of women teachers 518
School census 192
Schools in 1921 302
Education week 626
Edwards, Agustín, elected president, League of Nations 527
Errázuriz Tagle, Jorge, death 417
Factories in Ecuador 73
Factory inspection 631
Finances—
Government loan 616
National debt 293
Savings banks 616
Foreign trade—
Exports, agricultural, 1919–1921 176
Exports and imports, 1921 287
Raisins in the United States 73
Fruit commission 287
Girls, wayward 631
Highway appropriation 390
Insurance companies, operations of, 1921 510
Legations raised to embassies 402
Legislation—
Checks and checking accounts 83
Import and export duty 84
Looms, national 390
MacIver, Enrique, death 640
Market for Chilean fruits, The United States 277

CHILE—Continued. Page.
Montt, Admiral Jorge, Passing of a great figure in Chilean history .. 481
Naval school 626
Pan American Child Welfare Congress, third 631
Pan American Congress, fifth 98
Pan American Congress of Architects, second 640
People's House No. 1 523
Postal service, street car 605
Primary schools, registration in 517
Proposed legislation 297
Radio broadcasting 640
Railroads—
Electrification project, progress in 175
Lebu to Los Sauces 176
Transandine, Antofagasta to Salta 73
Railway electrification 440
Railway Workers, Congress of 632
Red Cross—
Cauquenes Chapter 631
League of Societies 92
Parral Chapter 195
Reform school for boys 521
River, harbor, waterworks appropriation 390
Santiago electric station 390
School charity committee 411
Social welfare in a modern Chilean industrial plant 574
Society for the Promotion of Manufacturing 176
Suarez Mujica, Eduardo, statesman and diplomat 274
Telescope in mine shaft, Todds 205
Theater for women 632
Treaties—
Argentina—Transandine Railway 189
Colombia—Academic interchange 301
Valenzuela Basterrica, Dr. Germán, death 418
Water for Iquique 521
Wireless stations, new 73
Women, civil and political rights 522
Workmen's Athenaeum 92
Workmen's houses 411
Zanelli, Renato, baritone 417
Chilean-Peruvian Conference. *See* Chile; Peru.
Clarke, George H., The progress of radio communication in Venezuela 129
COLOMBIA:
Air mail, Bogotá-Cúcuta 391
Alcoholism, campaign against 632
Barranquilla, drinking water 197
Bogotá, municipal taxes in 617
Buenaventura, hotel in 607
Button factory 500
Cartagena waterworks 288
Cattle—
Blooded sires 500
Packing house at Coreñas 177
Colombian-Venezuelan boundaries 314, 528

COLOMBIA—Continued. Page.
Colombian llanura, The vast 449
Cross of Boyacá 313
Dictionary, historical 528
Education—
Academic interchange 190, 192
Boyacá, primary and secondary schools 626
Nariño, Department of, instruction in 303
Eight o'clock order 411
Electric plant, new 287
Employees' welfare 196
Exposition, agricultural 500
Finances—
Budget, 1922 399
Loan for road 510
Foreign trade, exports and imports, 1921 73
Gómez, Dr. Alfonso Esguerra, physician 99
Insurance, life 196
Isaacs, Jorge, monument to 313
Lighthouses 606
Medellín, public works in 606
Milk distribution regulations 523
National exposition 287
Núñez, Dr. Rafael, statue 528
Olympic games 418
Ordóñez, Dr. Manuel Mantilla, aeromobile inventor 391
Ospina, General Pedro Nel 98
Paintings, annual exhibition 641
Pearl fishing and exporting 298
Petroleum—
Exemption from oil taxes 287
Resident inspectors 177
Railroads—
Construction 288
Girardot railroad 606
Northeast Railroad Syndicate, loan 177
Sábana railway 632
Red Cross 93
Renaissance, economic and industrial 340
Sericulture 177
Silk industry 606
Telegraph and telephone lines, measurement 606
Temperance campaign 196
Temperance in Antioquia 93
Tobón Mejía, Marco, sculptor 418
Treaties—
Argentina—Extradition treaty 622
Chile—Academic interchange 301
Uruguay—Academic interchange 190
Urrutia, Dr. Francisco J., delegate, League Commission 206
Wireless service, inauguration of 74
Commerce, notes 71, 173, 285, 388, 496, 601
Commerce of United States of America with Latin America, June 30, 1922 493

Page.
Consular reports, subject matter 102, 209, 316, 422, 531, 644
Consuls, duties of 366
Cooper, Clayton Sedgwick, Peru's rich resources 56
COSTA RICA:
All-America cable 391
Cable office 607
Children, care of 411
Coffee, exportation of 501
Education—
Education board 406
Heredia school report 627
Psychological tests 406
School facts 303
School, subprimary 88
Finances—
Budget, 1922 400
Customs receipts 81, 617
Revenue and expenditure, 1921 294
Foreign trade, exports and imports, 1921 178
Guardianship 513
Guzmán, Joaquín Aguilar, death 314
Health parades 633
Jesús Jiménez Centenary 528
Latin American Railroad Federation 197
Legation in Guatemala 528
Legislation—
Government expenditures, office of control of 402
Rent law 84
Taxes 513
Unification of paper currency 298
Malaria campaign 93
Mexican consulate 418
Mistral, Gabriela 528
Nursing, school of 197
Population, 1921 418
Public sanitation and health, bureau of 524
Public utilities 391
Radio Corporation 501
Red Cross 197
Schapiro, Dr. Louis, tribute to 523
Treaties—
Great Britain—Alvarado-Bennett convention 622
Great Britain—Arbitration convention 404
United States—Extradition treaty 516
Tree week 406
Vacation colony 309
Wireless station, Liceo de Costa Rica 627
Wireless towers 607
Workmen's houses 523
Coutinho, Gago, aviator 205
Cuba:
Aviation, Habana-New York flight 75
Business school 627

CUBA—Continued. Page.
Censorship, moving pictures 309
Céspedes, Carlos Manuel de, Secretary of State 266
Commercial mission 501
Education—
Commerce, school of 193
Kindergarten appropriation 407
San Vicente de Paul Institute 407
Fernández, Dr. Juan Santos, death 641
Finances—
Budget, 1922-23 294
Foreign debts 81
Public debt, 1922 511
Foreign trade, exports and imports, 1921 392
Highways, construction 288
Hydrographic office 418
International Commercial Exposition 607
International Fingerprint Convention 529
International Sanitary Conference 190
Latin American Medical Congress, sixth 197
League of Nations, auxiliary committee of 229
Leprosy, cure of 524
Narcotics, distribution and sale of 620
Núñez, Gen. Emilio, death 314
Population, 1919 641
Radio Corporation 75
Sugar—
Cuban Dominican Sugar Corporation 74
National Congress 178
Telephone service, Antilla 392
Textile factory and power plant 179
Tubercular asylum for children 197
White slave traffic 524
Zaza del Medio, improvements in 178
DOMINICAN REPUBLIC:
City library 412
Education, maintenance of schools 303
Finances, loan 82
Hague Court member 419
Highways—
Construction 392, 501, 608
Duarte Highway and other roads 178
Proposed road 288
Legislation, bankruptcy law 402
Passports for United States 620
Prisoners, privileges 412
Radiotelegraphy 627
Railroads, Santo Domingo-Monte Cristy road 76
Treaties, Spain—Parcel post 190
Trucks, freight 608
Economic notes 81, 183, 293, 398, 509, 615
ECUADOR:
Ambato, summer resort 76
Aviation, Guayaquil-Esmeraldas flight 609

ECUADOR—Continued. Page.
Bolívar-San Martín monument ... 419
Cacao disease ... 393
Cacao exports, 1922 ... 608
Census of Chinese ... 84
Centenary celebration ... 99, 315
Coastwise trade, vessels in ... 392
Congress of Ecuadorean Agriculturists, first ... 502
Education, school facts ... 518
Engineering course ... 627
Export license ... 402
Finances—
Loan ... 82
Monopolies ... 184
Galapagos colonization ... 179
Guayaquil—
Dock and customhouse ... 609
Exports, 1921 ... 393
Water supply ... 198
Industry, new, carpets and tapestries ... 502
Kosmos Line steamers, ports of ... 76
Legislation—
Sugar plantations, registration of ... 513
Tobacco stocks, registration of ... 513
Montúfar, ashes of ... 314
Petroleum, tax ... 188
Pharmacy school ... 627
Railroads—
Construction funds ... 608
Guayaquil to coast ... 608
Quito-Esmeraldas ... 392
Red Cross ... 633
Resources, undeveloped ... 502
Sucre, chapel to ... 314
Education, notes on ... 86, 191, 301, 405, 516, 625
Federalism in Latin America ... 229
Financial notes ... 81, 183, 293, 398, 509, 615
Foreign trade, Latin America, 1921, general survey ... 586
Gamarra, Francisco Gonzáles; artist ... 595
Geddes, Sir Auckland, address, Pan American Conference of Women ... 25
General notes ... 97, 203, 312, 416, 527, 638
Gorgas Institute, director of ... 94
GUATEMALA:
Aviation, Guatemala to Salvador flight ... 609
Archaeology, ethnology, and history, bureau of ... 419
Bridge, masonry ... 609
Education—
Educational report, 1922 ... 518
School appropriations ... 628
School year, 1921 ... 303
Schools, new ... 193, 407
Electric street railway ... 289
Finances—
Budget, 1922–23 ... 294
Economic recommendations ... 511

GUATEMALA—Continued. Page.
Fishing and pearl shell 609
Foot-and-mouth disease 503
Hookworm prevention 198
Hydrocarbon law 620
Labor building 198
Legislation—
Hospital subsidy 403
Narcotics 84
Libraries, agricultural 393
Port Alvarado 76
Treaties, France—Commercial convention 516
United Fruit Co. wireless 502
Workmen's cooperative and savings association 524
HAITI:
Borno, President, and cabinet 207
Budget, addition to 400
Coffee 393
Defly, Gen. Edmond, death 99
Education, Port au Prince school 407
Finances—
National debt 617
$16,000,000 loan 617
Flag Day 304
Foreigners, registration of 514
Hydrographic brigade 610
Legislation—
Bank contract, transfer of 513
Diplomatic Council 620
Metric system 188
Louverture, monument to 419
Prison, national 198
River dikes 503
Telephones 289
Wage increase 412
Hanson, Dr. Henry, Director Public Health, Peru 95
Harding, Earl, Economic and industrial renaissance of Colombia 340
Highways ancient and modern in the New World 247
Hoffman, Frederick L., American business opportunities in Bolivia 161
HONDURAS:
Cattle, blooded sires 179
Education—
Agricultural school 407
School facts and figures, 1920–21 304
Finances—
Budget, 1922–23 400
Customs revenue 618
Fish and forest preservation 85
Highways—
Capital-to-coast road 394
Construction 77
Honduras' First Century, book on 99
Hookworm 93, 199
Ice plant 179
Legislation, import tax, Choluteca Department 514

HONDURAS—Continued. Page.
National bank 618
Newspapers 207
Pan American Labor Congress, third 413
Population, 1921 642
Public Health Report 412
Railroads, Extension—Potrerillos to Río Blanco 394
Rockefeller Foundation 93, 199, 309
Telephone line, Potrillos to San Pedro Sula 77
Treaties, Nicaragua and Salvador 622
Water supply, taxes for 514, 610
Hughes, Charles Evans:
Addresses—
Chilean-Peruvian Conference 2, 6, 221
Pan American Conference of Women 32
Special mission to Brazil 434, 436, 437, 438
Ibero America, Legal institutional background of 109
Industry, notes 71, 173, 285, 389, 496, 601
Interamerican lecture course, A notable 572
International Congress of Americanists, delegates 260
International Cotton Congress, delegates 261
International Engineering Congress, delegates 261
International Historical and Geographical Congress, delegates 260
International law, conference on, delegates 261
Izquierdo, Luis, address, Chilean-Peruvian Conference, inaugural session 5
James, Herman G., Federalism in Latin America 229
Landázuri, E., New tendencies in the public instruction of Mexico 462
Lansing, Mrs. Robert, address, Pan American Conference of Women 29
La Paz, a picturesque modern capital 252
Latin American artist in the art galleries of the United States 595
Latin American foreign trade, 1921, general survey 586
Latin American generalizations 384
Legislation notes 83, 186, 297, 401, 513, 619
Lloyd, M. R., What Chilean railway electrification means 440
López Gutierrez, José Antonio, death 541
Luisi, Dr. Paulina 96, 202
Lutz, Miss Bertha, address, Pan American Conference of Women 28
McGuire, C. E., legal institutional background of Ibero America 109
Mason, C. T., The vast Colombian llanura 449
Mathieu, Beltrán:
Addresses—
Chilean-Peruvian Conference, closing session 225
Pan American Conference of Women 23
MEXICO:
Agricultural cooperation, bureau of 504
Animal industry stations 505
Art—
Exhibition of 315
Modern tendencies in 327
Automobiles, exportation of 610
Airplanes in Brazil 99
Blue Cross 94
Bookkeeping for Federal employees 88
Cable service 395

MEXICO—Continued. Page.
Cereals, crop ... 611
Chamber of Commerce, Argentine ... 78
Child Welfare Congress, second ... 94, 413
Child welfare in Mexico ... 563
Commemorative medals ... 529
Commercial statistics, bureau of ... 394
Constitution, article 27 not retroactive ... 299
Education—
Argentine scholarships ... 305
Campaign against illiteracy ... 305
Engineering school, machinery for ... 519
Georgetown University students and University of Mexico summer school ... 89
Laborers' University ... 193
National University of the Southeast ... 305
New centers of ... 629
Scholarships in foreign countries ... 88
Vocational school for women ... 629
Energy and speed amplifier ... 290
Family Welfare Exposition ... 634
Fibers to be developed ... 394
Finances—
Coinage ... 512
Receipts and expenditures, 1922 ... 401
Tax collections, 1921 ... 185
Ford automobile factory ... 290
Foreign debt, convention of ... 295
Health Messenger ... 633
Hispanic-American Institute ... 504
Houses, wooden ... 78
Indigenes, protection of, society for ... 634
Indigenes, teachers of, congress ... 408
Insurance ... 180
Journalists' sanatorium ... 200, 634
Legislation—
Buildings exempt from tax ... 621
Cereal import tax ... 184
Tax on capital ... 299
Libraries ... 519
Mapimí Desert, irrigation of ... 77
Metals ... 180
Mexican flag in Independence Hall ... 477
Minerals, production of ... 610
Mining Association ... 610
Mistral, Gabriela ... 99, 408
Municipal Congress, second ... 94
National Sanitation Congress, first ... 413
Newspaper building, new ... 180
Oyster beds ... 181
Petroleum—
Export taxes ... 188, 621
Oil production ... 504
Refinery ... 504
Piedras Negras bridge ... 395

	Page.
MEXICO—Continued.	
Public instruction, new tendencies in	462
Railroads—	
Fuel consumption reducing plant	504
Huatabampo to Yávaros	77
Sample fair	394
Sanitation Convention, annual	199
Sugar industry	610
Telephone service with Guatemala	610
Textiles	180
Wireless service with Brazil	611
Woman magistrate	199
Mission to Brazil, addresses by Secretary Hughes	433
Mistral, Gabriella	99, 408, 528
Monetary units, values of, Pan American countries	Back cover, each issue.
NICARAGUA:	
Aviation, hydroplane service	181
Beggar's asylum	200
Buoys in Corinto Bay	611
Cattle, Stock Raisers' Company	181
Chamorro, Gen. Emiliano, honorary degree	529
Clerks of Communications Service, Association of	413
Cotton culture	395
Dental clinic	413
Education, rural schools	305
Foreign trade, exports and imports, 1921, 1922	395
Petroleum concessions	78
Railroads—	
Kukalaya	78
León-Poneloya	395
San Juan del Norte	78
Sanitation notes	634
Taxes, tonnage, and lighthouse	85
Timber-cutting contract	290
Treaties, Honduras and Salvador	622
Orton, James, An international dedication ceremony	117
Ospina, Gen. Pedro Nel	98
Pan America loses one of her most distinguished sons	541
Pan American Child Welfare Congress, delegates	260
Pan American Postal Conventions	405
Pan American Scientific Congress, third	100
Pan American Conference of Women:	
Addresses—	
Hughes, Charles Evans	22
Lansing, Mrs. Robert	29
Lutz, Miss Bertha	28
Mathieu, Beltián	23
Rowe, Leo S	27
Delegates to	32
Significant conference	10
PANAMA:	
Alfaro, Dr. Ricardo J., Minister from Panama	483
Boys' week	310
Colón free clinic	635
Education, law degree changed	408

PANAMA—Continued. Page.
Gorgas Institute, director of ... 94
Highways, construction ... 79, 181
Land for settlers ... 505
Lighthouses ... 505
Meléndez, Gen. Porfirio, death ... 207
Milk ... 611
National-bank building, new ... 512
Nurses' training school ... 200
Panama advertised ... 506
Passports ... 403
Paul, John de, bust ... 642
Red Cross ... 635
Salvation Army ... 525
Soup kitchen ... 635
Venezuela's quota to pioneer monument ... 315
Vice Presidents ... 642
War memorial ... 642
PARAGUAY:
Banana industry ... 612
Bank moratorium ... 621
Consular manifests and bills of lading ... 300
Cooperative Society, Consumers' ... 181
Cotton ... 291, 612
Customs duties, reduction of ... 79
Education—
Diplomas, professional, normal, and manual training ... 306
Teachers' examinations ... 629
Expedition, scientific ... 100
Factories, new ... 506
Lands and colonies, Government ... 611
Marble quarries ... 80
Palo Santo ... 612
Red Cross ... 94, 525, 635
Sugar and alcohol ... 612
Treaties, Hispanic-American postal convention ... 301
Trees for the street ... 529
Yerba mate ... 612
PERU:
Agricultural advances ... 506
Antituberculosis League ... 525
Bank of Peru, new State ... 262
Calderón, Dr. Serapio, death ... 100
Callao, regulations for receipt of merchandise ... 189
Child Welfare Commission ... 310
Child Welfare Congress, first ... 414
Chilean-Peruvian Conference—
Addresses—
Aldunate Solar, Carlos ... 223
Hughes, Charles Evans ... 2, 6, 221
Izquierdo, Luis ... 5
Mathieu, Beltrán ... 225
Pezet, Federico Alfonzo ... 225
Porras, Melitón F ... 5, 222
Biographical notes ... 9
Inaugural and closing sessions ... 1, 217

PERU—Continued.
Education— Page.
Agriculture and Veterinary Science, National School of..... 89
Cuzco, University of..... 306
San Marcos, University of..... 194, 409
School attendance..... 519
School inspection..... 409
Finances—
Bank, reserve..... 82, 185
Gold bond offer..... 401
French claims..... 191
Fruits, notes on Peruvian..... 356
Highways, construction..... 182, 291, 613
Irrigation works..... 612
Indigenes, protection of, commission for..... 300
Legislation—
Commission of Child Welfare..... 189
Labor and Social Welfare Council..... 188, 636
Leguita trail..... 396
Lima—
Buildings in..... 95
Busses..... 613
City additions..... 95, 300
Milk, pure..... 613
Sanitary inspection..... 636
Water supply..... 525
Maternity prize..... 201
Mining claims..... 621
Moving-picture company..... 507
National stock show..... 613
Odriozola, Dr. Ernesto, memorial tablet..... 100
Pan American Scientific Congress, third..... 100
Petroleum—
Bureau..... 514
Tax..... 403
Postal conventions..... 191
Public Health, Director of..... 95
Peru's rich resources..... 56
Railroads—
Construction..... 506
Huancayo to Ayacucho..... 182
Reserve bank..... 618
Scientific Association..... 530
Shop in prison for women..... 413
Smelter, Oroya, steel construction for..... 291
S. P. C. A..... 636
Trade balance..... 614
Treaties—
Brazil—Extradition treaty..... 301
Uruguay—Arbitration treaty..... 86
Unknown soldier, to the..... 529
Washington, statute of..... 100, 420
Wholesale prices..... 396
Pezet, Federico Alfonzo, address, Chilean-Peruvian Conference, closing session..... 225

Page.
Popenoe, Wilson, Notes on Peruvian fruits..... 356
Porras, Melitón F., addresses, Chilean-Peruvian Conference..... 5, 222
Public instruction, notes on..... 86, 191, 301, 405, 516, 625
Railway transportation in South America..... 544
Roads. *See* Highways.
Rowe, Dr. Leo S.:
Address, Pan American Conference of Women..... 27
Comment, Chilean-Peruvian Conference..... 226
Foreword, Mission to Brazil, addresses by Secretary Hughes..... 433
Passing of a great figure in Chilean history..... 481
Presentation of Mexican flag, excerpts from letter read at..... 478
Salomon, Oscar V., The new State Bank of Peru..... 262
SALVADOR:
Coffee tax..... 512
Education—
School facts, 1921..... 409
School sanitary inspection..... 201
Trade school for girls..... 629
Estupinián, Don Baltazar, funeral..... 208
Foreign trade, exports and imports, 1922..... 507
Highways—
Automobile road..... 403
Railroads and highways..... 507
Hookworm campaign..... 415
Legislation—
Bank concessions extended..... 403
Sanitary regulations..... 300
Library gift..... 642
Milk station..... 95, 201, 525
Money orders, postal, to Germany..... 80
Pan American postal conventions..... 405
Railroads and highways..... 507
Rockefeller Foundation..... 636
Santa Ana picture exhibition..... 316
Statistics, general..... 80
Treaties—
Honduras and Nicaragua..... 622
International opium convention..... 516
Zaldivar, Rafael, death..... 421
Securities, Latin American corporation, offered in United States, 1921..... 600
Securities, Latin American government and municipal, offered in United States, 1921..... 600
Sherwell, Guillermo A. Modern tendencies in Mexican art..... 327
Social progress, notes on..... 91, 194, 308, 410, 520, 629
Strong, Dr. Richard, director Gorgas Institute..... 94
Suarez Mujica, Eduardo, Chilean statesman and diplomat..... 274
Tacna-Arica Conference. *See* Chile; Peru.
Talbot, Cornelia Brackenridge, Some contemporary Argentine sculpture..... 269
Thompson, S. Reid, The United States market for Chilean fruit..... 277
Treaties, international, notes on..... 86, 189, 301, 404, 515, 622
UNITED STATES:
In coming international conferences in Brazil..... 258
Market for Chilean fruit..... 277
Pottery industry development..... 139

	Page.
Uribe, Gustavo Arcila, sculptor	599
Uruguay:	
Alcoholism, National League Against	526
Cattle—	
Exemption from export duty	508
Extinction of ticks	170
Live, export of	397
Education—	
Academic interchange	190
Open-air schools	520
Schools, evening vocational	90
Teachers of Secondary Schools, Association of	520
Visiting teachers	91
Electric power	397
Feminine representation	526
Finances—	
Budget, extension, 1922	82
Montevideo loan	185
Short-term loan	401
Foreign trade, 1922	615
Guide, commercial	80
Highways—	
Canelonew-Florida	508
Cooperation in	80
Highway and railroad commission	403
Home for orphans	202
Important commissions	292
Jerked Beef Exposition	614
Library, Teachers'	91
Luisi, Dr. Paulina	96, 202
Marbles	508
Marketing of fruit	507
Model farm	182
Nurses and infant mortality	311
Nurses, Association of	526
Pensions, old-age	415
Plant pathology station	508
Postal regulations, new	508
Railroads—	
Highway and railroad commission	403
International bridge	292
Rapid-transit and fast steamer service	614
Rest law, interpretation of	85
Soca, Dr. Francisco, death	101
South American Hygiene Conference, third	311, 637
Spring salon, first	316
Steamer service	614
Telegraph tax	621
Theater, new	208
Treaties—	
Argentina—Convention regarding aerial navigation	404
Colombia—Academic interchange	190
Peru—Arbitration treaty	86
Spain—Arbitration treaty	191
Working women, sanitarium for	415

Venezuela: Page.
Andara, Dr. José Ladislao, death 643
Arcaya, Dr. Pedro Manuel, Minister from Venezuela 485
Caracas school, new chair 520
Coffee and Cacao Exposition 615
Constitution, new 404
Diplomatic service law 514
Education—
Public instruction in 1921 307
University of Venezuela, Central 410
Eye, nose, and throat clinic 526
Eye specialist in France 415
Finances, Government revenues, 1921 512
Foreign trade, exports and imports, 1921 508
Horn Line steamers 183
Industries, protection of 509
League of Nations, delegates to 421
Legislation, coinage of money 514
Milk station 96, 526
National library 637
Pasteur centenary 101
Petroleum, rich oil fields of Zulia 293
Postal statistics, 1921 182
Radio communication, progress of 129
Railroads—
Earnings, 1922 509
Statistics, 1921 183
Union Highway 81
Razetti, Dr. Luis, delegate to Clinical Congress in Boston 643
Red Cross, Valencia 312
School fund 202
Veloz Goiticoa, N., minister to Peru and Bolivia 530
Wells, W. C., Latin American generalizations 384
Zárate, Góver M., La Paz: A picturesque modern capital 252

INDEX TO ILLUSTRATIONS.

Arenas, Eduardo S. 121
ARGENTINA:
Aviation—
Aerodome, Buenos Aires 242
Airplane, service between Buenos Aires and Montevideo 243, 245
Airplane over Buenos Aires 242
Logs, new method of rafting 284
Railway stations in Buenos Aires 545
Sculpture—
Fountain in Buenos Aires 270, 272
"Mi hermana María" 271
National Gallery, Modern, Buenos Aires 273
Branner, Dr. John Casper 64
Bolivia:
Agricultural pursuits 165
Aviation, flight over La Paz 244

	Page.
BOLIVIA—Continued.	
Forest clearing	168
La Paz—	
General view	253
Legislative Palace	254
New buildings, Department of Justice, Banco Mercantil	255
Theater, municipal	256
River boats, Rio Beni	162
Yungas region—	
Scene in	163
Station	169
BRAZIL:	
Bernardes, Dr. Arthur da Silva, President-elect of Brazil	Frontispiece, October.
Bridge over Jaguarao River	550
Curityba-Paranagúa Railroad	548
Centennial Exposition—	
Breaking ground for United States building	67
Buildings	94, 95
Dedication of site for monument "Friendship"	580
Festival Hall	584
Festival Hall, night view	585
Grounds from hydroplane landing float	583
Mexican building	582
Night view from harbor	579
Palace of communications and agriculture	582
Palace of industries	584
Plaza of Nations	580
Plaza of Nations, night view	581
United States Government building	259
Pessoa, Epitacio, President, and Portuguese aviators	382
Secretary Hughes and the celebration of Brazilian Independence	Frontispiece, November.
Trees, Cashew—	
Fruit of	490
One of a forest of trees	489
Vendor	491
Bunge, Dr. Alejandro E., lecturer	572
CHILE:	
Bio-Bio River, bridge over	37
Cántaros River, falls of	50
Carabinero, member of military establishment	41
Casa Pangue, road from to Peulla	47
Chilean-Peruvian Conference—	
Facsimiles of the protocol and supplementary act	219
Inauguration of, Pan American Union	3
Members of	8
Signing of protocol, Pan American Union	Frontispiece, September.
Fría, Lake, view of	48, 54
Hydroelectric plant, Maitenes	446, 447, 448
Llanquihue and Todos Los Santos, Lakes	43, 44
Los Cántaros, Lake	52
Montt, Admiral Jorge	480
Osorno Volcano	40
Peulla, hotel at	45

CHILE—Continued. Page.
Puerto Varas 38
Railroads—
Express passenger locomotive 444
Chilean Andes, scheduled for electrification 445
Map showing scope of railway electrification 441
Mapocho station, Santiago 442
Mapocho station, train shed 443
Transandean—Antofagasta and Bolivia railway 552
Suarez Mujica, Eduardo, statesman and diplomat 275
Chilean-Peruvian Conference. *See* Chili; Peru.
COLOMBIA:
Amaga Railroad 559
Llanura—
Bogotá-Villavicencio trail 452
Maipures 459
Map 450
Rubber collector's camp 457
Steam launch on the Meta 454
Treaties—
Colombia-United States, exchange of ratifications 86
Colombia-United States, signing of 69
United States consulate, Barranquilla 373
Coutinho, Gago, aviator 382
CUBA:
Céspedes, Carlos Manual de, Secretary of State 267
Highways—New road and concrete bridge over Nigua River 250
DOMINICAN REPUBLIC:
Highways—Airplane view of road from Santo Domingo to Santiago 251
ECUADOR:
Guayaquil, municipal library and museum 280
Fairey, landing of at Rio de Janeiro 383
Iturralde, Dr. Abel 123
Latour, Francisco Sánchez, minister of Guatemala to United States 66
López Gutierrez, José Antonio, minister of Honduras to United States. Frontispiece, December.
MEXICO:
Baby week exhibit, Mexico City 567
Breakfast in a boys' school, Mexico City suburb 566
Child welfare in Mexico 565
Cotton industry 283
Cuauhtémoc monument 328
International Automobile Show 70
Parish church, Vera Cruz 332
Education—
Arts and Crafts for Men, National School of, Mexico City 468
Arts and Crafts for Women, National School of, Mexico City 470
Commerce and business administration, high school, Mexico City 467
Domestic Science, school of, Mexico City 472
Industrial school, Queretaro 474, 475
Machine shop 476
Model school, San Luis Potosi 466
Missionary teacher 465
Parra, Dr. Guillermo, director of National School of Medicine 464

MEXICO—Continued. Page.
Playground, centennial gift of American colony 282, 570
Post office, Mexico City 331
Residence of Count del Valle of Orizaba 330
Ruelas, Julio—
Etchings—
At night 334
Charity 338
Critic, the 333
Hope 339
Medusa 335
Symbolism, a 336
Woman and child 337
United States consulate general, Mexico City 368
Vasconcelos, José, Secretary of Public Instruction 463
Ospina, Gen. Pedro Nel, President-elect of Colombia, and guests at luncheon given by Dr. L. S. Rowe in Pan American Union ..... Frontispiece, July.
Pan American Conference of Women—
Latin American delegates to 12, 15, 17
Tree planting ceremony, Pan American Union 20
PANAMA:
Alfaro, Dr. Ricardo, minister from Panama to United States 482
PERU:
Aviation, girl aviators of Arequipa 244
Cotton, bales at Inca mill 58
Fruits—
Avocado 358
Capuli 365
Chirimoya 360
Date palms near Pisco, clump of 359
Guava fruit and leaf 363
Lúcuma 361
Highways—
Bridge on the Inca Highway 247
Royal road of the Incas 248
Peruvian Central Railroad, curves 555
Rio Urubamba, valley of, at Pisac 357
Smelter, copper 60
Vanadium Corporation mines 62
Wool, drying at Arequipa 59
Saccádura, Cabral, aviator 382
UNITED STATES:
Pottery industry—
Art pottery in National Museum, Washington, D. C 157
Blungers 140
Candlesticks and fruit bowl 149
Carrying ware into the kiln 142
Decorating fine china 148
Design from Maya jar 160
Dipping a plate into glaze 144
Examples of fine china made in United States 151, 153, 155
Exhibition room 146, 147
Piling "saggers" 143
Pouring "slip" into the mold 141
Sanitary porcelain ware 158

Page.
Uribe, Gustavo Arcila:
Bust of a young English girl 597
Head of a child 597
Interrogante 596
Model of statue of Don Quixote 599
Sermon on the Mount 595
URUGUAY:
Cattle—
Dipping to eradicate ticks 172
Tick-infested 171
VENEZUELA:
Arcaya, Dr. Pedro Manuel, minister from Venezuela to United States 484
Caracas—
Radio station 130
Ground system 131
Receiving sets 132
Orton, Anna B 122
Orton, James—
Monument to 118, 128
Dedication ceremony 117
Dedication committee 119, 124, 125
Inauguration ceremony banquet 126
Puerto Cabello—
Radio station 133
Continuous wave transmitter 136
Interior view 135
Type of receiver 138
United States consulate 370
Railway bridge between Caracas and Valencia 561
Sanford, Alice S 120
Zayas, Dr. Alfredo, and cabinet ..... Frontispiece, August.